



Backup Slides



ICBM History

- 1954 SECAF Memo
 - Begin ICBM development
 - Contracted RDT&E support
 - SETD contractor
 - Associate
 - Involve best minds
 - Rocketry
 - Guidance & Control
 - Nuclear Weapons
 - Direct contracts
- End results = ICBM Management 1954-1998
 - Air Force as Prime
 - TRW as SETD/SETA
 - >150 Separate contracts



Other Efforts
NSCCA
PSRE
Etc.

DMAG
EEICs &
Contract Repairs 540
M-G Repair
Etc.

Spares Contracts
MM
PK

ICBM Mod Programs
PRP
GRP
Etc.

Eng Svcs Contracts
MM
PK

◆ Result:

- ◆ 43-Year success story, but
 - Manpower intensive
 - Becoming unaffordable

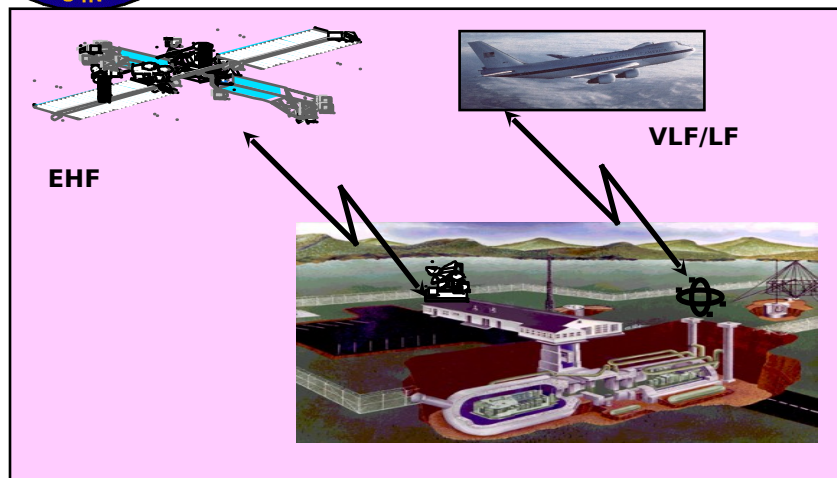


IPIC “Advantage”

- **Prime Team possesses critical skills for DoD work**
 - ICBM “corporate knowledge”
 - DoD acquisition process and policies
 - Systems Engineering
 - Guidance systems
 - Solid and Liquid propulsion systems
 - Command and Control
 - Higher Authority Communications
 - Software
 - Contractor Logistics Support (CLS)



Program Description



- **Combined Acquisition under IPIC**
- **TRW is Gov't "Face" to Industry**
 - **Set Strategy**
 - **Select Subcontractors**
- **Timeline**
 - **Execution CA: Mar 99**
 - **IOC: CY01**
 - **FOC: Dec 03**

- **EHF and VLF/LF Comm Systems**

- **EHF Replaces AFSAT and ISST**

- SHF/EHF (20 GHz rec, 44 GHz trans)

- **VLF/LF Replaces SLFCS**

- VLF/LF (14-60 KHz, rec only)

- **Survivable**

- **EHF: "Adjacent Attack"**

- **VLF: Weapon System Spec**





Acquisition Schedule

ID	Task Name	Duration	Start	Finish	1999						
					Sep '98	Oct '98	Nov '98	Dec '98	Jan '99	Feb '99	Mar '99
4	CBD Announcement for IPIC transition	0 days	Fri 9/25/98	Fri 9/25/98	9/25						
5	Industry Day/Draft RFP Release	1 day	Wed 10/7/98	Wed 10/7/98							
6	Prepare Sucontractors RFP Doc.	19 days	Thu 9/24/98	Tue 10/20/98							
7	2nd draft RFP drop	1 day	Mon 10/12/98	Mon 10/12/98							
8	Release Formal Subcontractor RFP	0 days	Tue 10/20/98	Tue 10/20/98							
9	Prepare Technical Proposal	61 days	Wed 10/21/98	Mon 1/25/99							
13	Prepare Cost Proposal	61 days	Wed 10/21/98	Mon 1/25/99							
17	Subcontractors Technical Proposals Due	0 days	Fri 11/20/98	Fri 11/20/98							
18	Subcontractors Cost Proposals Due	0 days	Mon 11/30/98	Mon 11/30/98							
19	Source Selection/Negotiation	51 days	Fri 11/20/98	Wed 2/10/99							
26	Subcontractor Selection	0 days	Mon 1/11/99	Mon 1/11/99							
27	"One Pass" Process	4 days	Tue 1/19/99	Fri 1/22/99							
28	Milestone II Decision	0 days	Fri 1/29/99	Fri 1/29/99							
29	Pre-Award Cost Authorization	0 days	Mon 2/1/99	Mon 2/1/99							
30	TRW Proposal Compilation	27 days	Mon 1/11/99	Tue 2/16/99							
31	TRW Proposal Signoff & Approval	3 days	Wed 2/17/99	Fri 2/19/99							
32	Submit Proposal to Government	0 days	Mon 3/1/99	Mon 3/1/99							
33	Contract Award	0 days	Fri 3/19/99	Fri 3/19/99							



Source Selection

Criteria

- Order of importance
 - Technical/Management
 - Greatest weight
 - Cost/Price & Past and Present Performance
 - Equal weight to each other
 - General Considerations
 - Least weight
- Evaluation methodology - AFARS (AA-304 & AA-305)
 - Color/Adjectival Rating (except cost)
 - **Blue-Green-Yellow-Red**
 - Proposal Risk Assessment
 - Performance Risk Assessment



Minuteman MEECN Program (MMP)



Execution Schedule

ID	Task Name	Start	Finish	1999				2000				2001				2002				2003			
				Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
1	Execution Phase	Wed 2/3/99	Wed 12/31/00	■																			
2	Development	Wed 2/3/99	Thu 5/31/00	■																			
3	Authority to Proceed	Wed 2/3/99	Wed 2/3/99	■																			
4	SRR	Mon 5/17/99	Fri 5/21/99		■																		
5	PDR	Mon 7/19/99	Mon 8/2/99			■																	
6	CDR	Mon 10/11/99	Mon 10/25/99				■																
7	TRR	Fri 5/26/00	Fri 6/2/00						■														
8	PA	Mon 10/2/00	Fri 11/17/00							■													
9	DRR	Mon 10/2/00	Fri 2/2/01							■													
10	IOT&E	Mon 10/2/00	Mon 10/16/00							■													
11	FCA/PCA	Mon 1/29/01	Thu 5/31/01									■											
18	Production	Tue 1/2/01	Mon 9/30/02									■											
19	Option 1	Tue 1/2/01	Fri 9/28/01									■											
25	Option 2	Mon 10/1/01	Mon 9/30/02										■										
31	Deployment	Wed 1/31/01	Tue 12/31/02									■											
32	Deploy Kits	Wed 1/31/01	Tue 12/31/02									■											
33	Wing III Deployment	Mon 7/30/00	Wed 11/28/01									■											
36	Wing V Deployment	Mon 7/30/01	Wed 12/5/01									■											
39	Wing I Deployment	Thu 8/1/02	Fri 11/29/02										■										
44	IOC	Mon 10/1/01	Fri 10/26/01										■										
45	FOC	Mon 12/30/02	Mon 12/30/02																	■			
46	EOC	Thu 1/2/03	Wed 12/31/03																		■		